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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Complete If Known

Application Number	10/501,628
Filing Date	November 22, 2004
First Named Inventor	Alberto Martin
Art Unit	1636
Examiner Name	Kimberly A. Makar, Ph.D.

Sheet

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of

1

Attorney Docket Number

96700/905

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate); title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/KM/	1	CUMBERS, S.J. et al., "Generation and iterative affinity maturation of antibodies in vitro using hypermutating B-cell lines"; Nature Biotechnology, 2002, Vol. 20, pp1129-34.	
	2	STORB, U. et al., "Somatic hypermutation of immunoglobulin and non-immunoglobulin genes"; Phil. Trans. R. Soc. Lond. B, 2001, Vol. 356, pp. 13-19	
↓	3	WANG, L. et al., "Evolution of new nonantibody proteins via iterative somatic hypermutation"; PNAS, 2004, Vol. 101, No. 48, pp. 16745-49.	

Examiner Signature	/Kimberly Makar/	Date Considered	08/20/2007
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	2	BACHL J. et al., "Increased transcription levels induce higher mutation rates in a hypermutating cell line"; J. Immunol, 2001, Vol.166, No. 8, pp. 5051-7.	
	3	BEMARK M. et al., "The c-MYC allele that is translocated into the IgH locus undergoes constitutive hypermutation in a Burkitt's lymphoma line"; Oncogene, 2000, Vol. 19, No. 30, pp. 3404-10.	
	4	DAVIDSON N.O. et al., "Apolipoprotein B: mRNA Editing, Lipoprotein Assembly, and Presecretory Degradation"; Annu. Rev. Nutr., 2000, Vol. 20, pp. 169-93.	
	5	GREEN N.S. et al., "Immunoglobulin hypermutation in cultured cells"; Immunol. Rev., 1998, Vol.162, pp. 77-87.	
	6	HARRIS R.S., et al., "AID Is Essential for Immunoglobulin V Gene Conversion in a Cultured B Cell Line"; Curr. Biol., 2002, Vol. 12, pp. 435-8.	
	7	KINOSHITA K. et al., "Linking class-switch recombination with somatic hypermutation"; Nat. Rev. Mol. Cell Biol., 2001, Vol. 2, pp. 493-503.	
	8	KOBRIN B.J. et al., "The Somatic Instability of Immunoglobulin Genes in Cultured Cells"; PP. 11-28 (Chapter 2) in Somatic hypermutation in V regions (ed. Steele, E. J.), CRC Press, Boca Raton, Florida, 1990.	
	9	KUPPERS R. et al., "Mechanisms of chromosomal translocations in B cell lymphomas"; Oncogene, 2001, Vol. 20, No. 40, pp. 5580-94.	
▼	10	LIN M.M. et al., "Sequence dependent hypermutation of the immunoglobulin heavy chain in cultured B cells"; Proc. Natl. Acad. Sci. USA, 1997, Vol. 94, No. 10, pp. 5284-9.	

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	11	LIN M.M. et al., "The effects of E-mu, 3'-alpha (hs 1,2) and 3'-kappa enhancers on mutation of an Ig-VDJ-C-gamma-2a Ig immunoglobulin heavy gene in cultured B cells"; Internat. Immunol., 1998, Vol.10, No. 8, pp. 1121-1129.			
	12	MARTIN A. et al., "AID and mismatch repair in antibody diversification"; Nat. Rev. Immunol., 2002, Vol. 2, No. 8, pp. 605-14.			
/KM/	13	MARTIN A. et al., "Somatic hypermutation of the AID transgene in B and non-B cells"; Proc. Natl. Acad. Sci. USA, 2002, Vol. 99, No. 19, pp. 12304-08.			
	14	MARTIN A. et al., "Activation-induced cytidine deaminase turns on somatic hypermutation in hybridomas"; Nature, 2002, Vol. 415, pp. 802-6.			
	15	MURAMATSU M. et al., "Class Switch Recombination and Hypermutation Require Activation-Induced Cytidine Deaminase (AID), a Potential RNA Editing Enzyme"; Cell, 2000, Vol. 102, pp. 553-63.			
	16	MUSCHEN M. et al., "Somatic Mutation of the CD95 Gene in Human B Cells as a Side-Effect of the Germinal Center Reaction"; J. Exp. Med., 2000, Vol.192, No. 12, pp. 1833-39.			
	17	OKAZAKI I. et al., "The AID enzyme induces class switch recombination in fibroblasts"; Nature, 2002, Vol. 416, pp. 340-45.			
	18	PASQUALUCCI L. et al., "BCL-6 mutations in normal germinal center B cells: Evidence of somatic hypermutation acting outside Ig loci"; Proc. Natl. Acad. Sci. USA, 1998, Vol. 95, No. 20, pp. 11816-21.			
↓	19	PASQUALUCCI L. et al., "Hypermutation of multiple proto-oncogenes in B-cell diffuse large-cell lymphomas"; Nature, 2001, Vol. 412, pp. 341-6.			
	20	PETERS A. et al., "Somatic Hypermutation of Immunoglobulin Genes Is Linked to Transcription Initiation"; Immunity, 1996, Vol. 4, pp. 57-65.			

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/KM/	21	PETERSEN-MART S. K. et al., "AID mutates E. coli suggesting a DNA deamination mechanism for antibody diversification"; Nature, 2002, Vol. 418, pp. 99-104.	
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	25	SALE J.E., et al., "TdT-Accessible Beaks Are Scattered over the Immunoglobulin V Domain in a Constitutively Hypermutating B Cell Line"; Immunity, 1998, Vol. 9, No. 6, pp. 859-69.	
	26	SHEN H.M. et al., "Mutation of BCL-6 Gene in Normal B Cells by the Process of Somatic Hypermutation of Ig Genes"; Science, 1998, Vol. 280, pp. 1750-52.	
	27	SHEN H.M. et al., "The TATA binding protein, c-Myc and survivin genes are not somatically hypermutated, while Ig and BCL6 genes are hypermutated in human memory B cells"; Intl. Immunol., 2000, Vol. 12, No. 7, pp. 1085-93.	
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	29	TUMAS-BRUNDAGE K. et al., "The Transcriptional Promoter Regulates Hypermutation of the Antibody Heavy Chain Locus"; J. Exp. Med., 1997, Vol. 185, No. 2, pp. 239-50.	
↓	30	YELAMOS J. et al., "Targeting of non-Ig sequences in place of the V segment by somatic hypermutation"; Nature, 1995, Vol. 376, No. 6537, pp. 225-29.	

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/KM/	32	ZAN H. et al., "Induction of Ig Somatic Hypermutation and Class Switching in a Human Monoclonal IgM+ IgD+ B Cell Line In Vitro: Definition of the Requirements and Modalities of Hypermutation"; J. Immunol., 1999, Vol. 162, No. 6, pp. 3437-47.	
/KM/	33	ZAN H. et al., "B Cell Receptor Engagement and T Cell Contact Induce bcl-6 Somatic Hypermutation in Human B Cells: Identity with Ig Hypermutation"; J. Immunol., 2000, Vol. 165, No. 2, pp. 830-9.	
/KM/	34	ZHANG W. et al., "Clonal instability of V region hypermutation in the Ramos Burkitt's lymphoma cell line"; Intl. Immunol., 2001, Vol. 13, No. 9, pp. 1175-84.	

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